

PRODUCT SELECTOR GUIDE

ChromaLit™ Product Portfolio Overview

Remote Phosphor Light Source

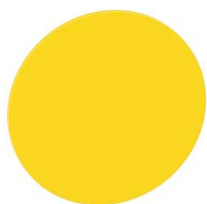


ChromaLit Round and Square

ChromaLit Round and Square light sources offer size, shape, CCT, CRI and light output capacity options to meet your luminaire design requirements. These products are ideal for single LED, spot lighting and downlighting.

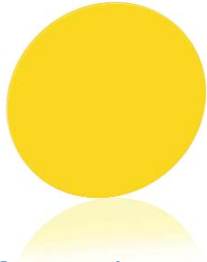
ChromaLit Linear and Panel

ChromaLit Linear light sources offer a range of CCT and CRI specifications in linear shapes that are extensible to any type of luminaire design. These products are ideal for under-cabinet, linear, task and ceiling panel lighting.



ChromaLit Round*

Part No.	Example Application	Typical Lumen Output (lm) ¹	Diameter (mm)	Diameter (in.)	CCT(K)	CRI	Lm/W _{rad} ²
CL-827-R23-PC	Single LED	110-200	22.5	0.9	2700	80	180
CL-927-R23-PC					2700	90	160
CL-830-R23-PC					3000	80	200
CL-930-R23-PC					3000	90	165
CL-835-R23-PC					3500	80	205
CL-840-R23-PC					4000	80	210
CL-750-R23-PC					5000	70	230
CL-827-R34-PC	Spot Lighting	220-400	34.0	1.3	2700	80	180
CL-927-R34-PC					2700	90	160
CL-830-R34-PC					3000	80	200
CL-930-R34-PC					3000	90	165
CL-835-R34-PC					3500	80	210
CL-840-R34-PC					4000	80	210
CL-750-R34-PC					5000	70	230
CL-827-SR-PC		440-800	45.0	1.8	2700	80	180
CL-927-SR-PC					2700	90	160
CL-830-SR-PC					3000	80	200
CL-930-SR-PC					3000	90	165
CL-835-SR-PC					3500	80	205
CL-840-SR-PC					4000	80	210
CL-750-SR-PC					5000	70	230
CL-827-LR-PC	Downlight	730-1300	61.5	2.4	2700	80	180
CL-927-LR-PC					2700	90	160
CL-830-LR-PC					3000	80	200
CL-930-LR-PC					3000	90	165
CL-835-LR-PC					3500	80	205
CL-840-LR-PC					4000	80	210
CL-750-LR-PC					5000	70	230
CL-827-R75-PC		1100-2000	75.0	3.0	2700	80	180
CL-927-R75-PC					2700	90	160
CL-830-R75-PC					3000	80	200
CL-930-R75-PC					3000	90	165
CL-835-R75-PC					3500	80	205
CL-840-R75-PC					4000	80	210
CL-750-R75-PC					5000	70	230



ChromaLit Round* (Continued)

Part No.	Example Application	Typical Lumen Output (lm) ¹	Diameter (mm)	Diameter (in.)	CCT(K)	CRI	Lm/W _{rad} ²
CL-827-R100-PC	Downlight	2200-4000	100.0	3.9	2700	80	180
CL-927-R100-PC					2700	90	160
CL-830-R100-PC					3000	80	200
CL-930-R100-PC					3000	90	165
CL-835-R100-PC					3500	80	205
CL-840-R100-PC					4000	80	210
CL-750-R100-PC					5000	70	230
CL-827-R135-PC		3600-6600	135.0	5.3	2700	80	180
CL-927-R135-PC					2700	90	160
CL-830-R135-PC					3000	80	200
CL-930-R135-PC					3000	90	165
CL-835-R135-PC					3500	80	205
CL-840-R135-PC					4000	80	210
CL-750-R135-PC					5000	70	230
CL-840-R215-PC	High Bay	14000-16500	215.0	8.5	4000	80	210
CL-750-R215-PC					5000	70	230

ChromaLit Linear*

Part No.	Example Application	Typical Lumen Output (lm) ¹	Dimensions LxW (mm)	Dimensions LxW (in.)	CCT(K)	CRI	Lm/W _{rad} ²
CL-830-L225-PC	Task/Linear/ Panel Lighting	950-2400	305.0 x 22.5	12.0 x 0.9	3000	80	200
CL-835-L225-PC					3500	80	205
CL-840-L225-PC					4000	80	210
CL-750-L225-PC					5000	70	230
CL-830-L125-PC		950-1400	305.0 x 12.5	12.0 x 0.5	3000	80	200
CL-835-L125-PC					3500	80	205
CL-840-L125-PC					4000	80	210
CL-750-L125-PC					5000	70	230



ChromaLit Square*

Part No.	Example Application	Typical Lumen Output (lm) ¹	Dimensions LxW (mm)	Dimensions LxW (in.)	CCT(K)	CRI	Lm/W _{rad} ²
CL-827-S21-PC	Single LED	110-220	21.0 x 21.0	0.8 x 0.8	2700	80	180
CL-927-S21-PC					2700	90	160
CL-830-S21-PC					3000	80	200
CL-930-S21-PC					3000	90	165
CL-835-S21-PC					3500	80	205
CL-840-S21-PC					4000	80	210
CL-750-S21-PC					5000	70	230
CL-827-S40-PC					Downlight	440-800	40.0 x 40.0
CL-927-S40-PC	2700	90	160				
CL-830-S40-PC	3000	80	200				
CL-930-S40-PC	3000	90	165				
CL-835-S40-PC	3500	80	205				
CL-840-S40-PC	4000	80	210				
CL-750-S40-PC	5000	70	230				
CL-827-S55-PC	Downlight	730-1300	55.0 x 55.0	2.2 x 2.2			
CL-927-S55-PC					2700	90	160
CL-830-S55-PC					3000	80	200
CL-930-S55-PC					3000	90	165
CL-835-S55-PC					3500	80	205
CL-840-S55-PC					4000	80	210
CL-750-S55-PC					5000	70	230
CL-827-S65-PC					Downlight	1100-2000	65.0 x 65.0
CL-927-S65-PC	2700	90	160				
CL-830-S65-PC	3000	80	200				
CL-930-S65-PC	3000	90	165				
CL-835-S65-PC	3500	80	205				
CL-840-S65-PC	4000	80	210				
CL-750-S65-PC	5000	70	230				
CL-827-S95-PC	Downlight	2200-4000	95.0 x 95.0	3.7 x 3.7			
CL-927-S95-PC					2700	90	160
CL-830-S95-PC					3000	80	200
CL-930-S95-PC					3000	90	165
CL-835-S95-PC					3500	80	205
CL-840-S95-PC					4000	80	210
CL-750-S95-PC					5000	70	230



ChromaLit Square* (Continued)

Part No.	Example Application	Typical Lumen Output (lm) ¹	Dimensions LxW (mm)	Dimensions LxW (in.)	CCT(K)	CRI	Lm/W _{rad} ²
CL-827-S120-PC	Downlight	3600-6600	120.0 x 120.0	4.7 x 4.7	2700	80	180
CL-927-S120-PC					2700	90	160
CL-830-S120-PC					3000	80	200
CL-930-S120-PC					3000	90	165
CL-835-S120-PC					3500	80	205
CL-840-S120-PC					4000	80	210
CL-750-S120-PC					5000	70	230
CL-840-S200-PC	High Bay	14000-16500	200.0 x 200.0	7.9 x 7.9	4000	80	210
CL-750-S200-PC					5000	70	230




ChromaLit Panel*

Part No.	Example Application	Typical Lumen Output (lm) ¹	Dimensions LxW (mm)	Dimensions LxW (in.)	CCT(K)	CRI	Lm/W _{rad} ²
CL-827-P215-PC	Custom	15000-27500	305.0 x 215.0	12.0 x 8.5	2700	80	180
CL-927-P215-PC					2700	90	160
CL-830-P215-PC					3000	80	200
CL-930-P215-PC					3000	90	165
CL-835-P215-PC					3500	80	205
CL-840-P215-PC					4000	80	210
CL-750-P215-PC					5000	70	230

*Product performance based on reference design. Product specifications subject to change

¹ Typical lumen output is estimated based on typical blue LED radiometric watts recommended

² Lm/W_{rad}: Lumen output per unit of input power from blue LED in radiometric watts



Please contact a sales representative to request a demonstration kit and for full product details. For more information contact ChromaLit@Intematix.com or ChromaLit Hotline at 855-ChromaLit.

Company Information

Intematix Corporation is a materials development innovator, providing customizable, patented phosphors that serve as the foundation for high quality, energy efficient LED light. Intematix products enable attractive, vivid color quality, superior consistency, uniformity and stability. Headquartered in Fremont, California, Intematix maintains R&D, manufacturing, business and support operations in the United States, Asia and Europe. To learn more about the company, please visit www.intematix.com

INTEMATIX

46430 Fremont Boulevard • Fremont, CA 94538

Tel: +1 (510) 933-3300 • Fax: +1 (510) 668-0793

chromalit@intematix.com

www.Intematix.com

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